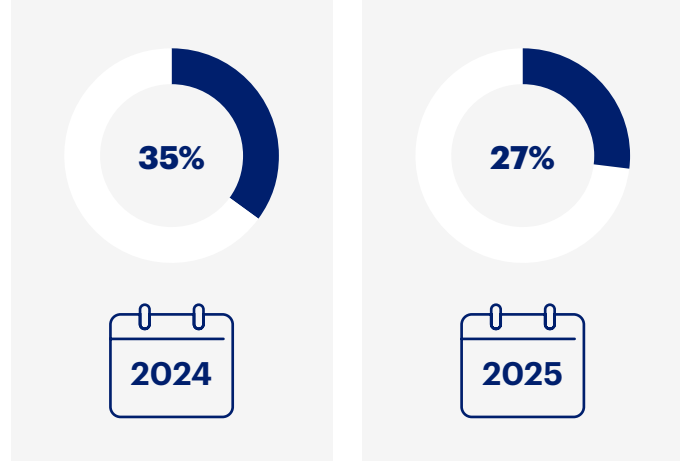


Process Safety Report Insights 2025

Ten years into Sphera's Process Safety Survey, the industry shows clear **progress** and a growing **confidence gap**.



The Confidence Gap



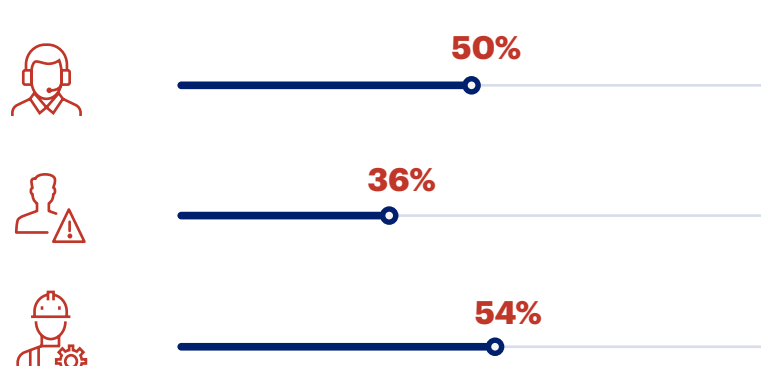
Risk confidence is falling, despite digital growth.



Only **27%** of organizations are very confident in managing major accident hazards- down from **35%** in 2024.

The Human Factor

People challenges remain the #1 barrier.



cite training and competency as their biggest issue.

struggle with frontline engagement.

report workforce shortages — as experience retires, risk grows.

Artificial Intelligence is transforming Process Safety Management

AI is here.



42% of organizations are using or planning to use AI.

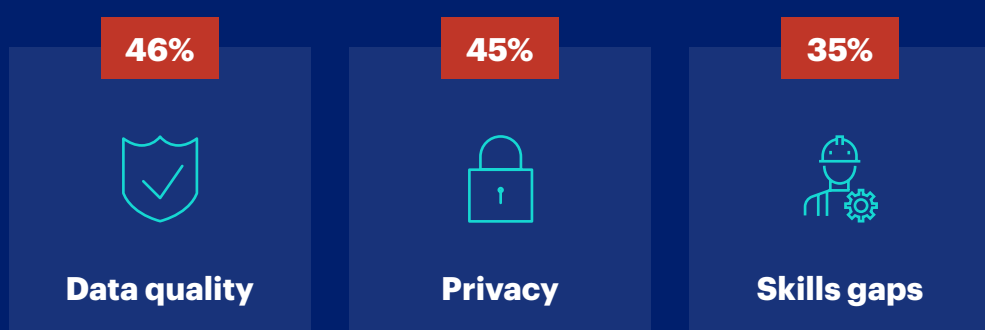


24% of organizations are already using AI to improve their PSM programs.



29% are applying AI to connect risk data across assets and facilities.

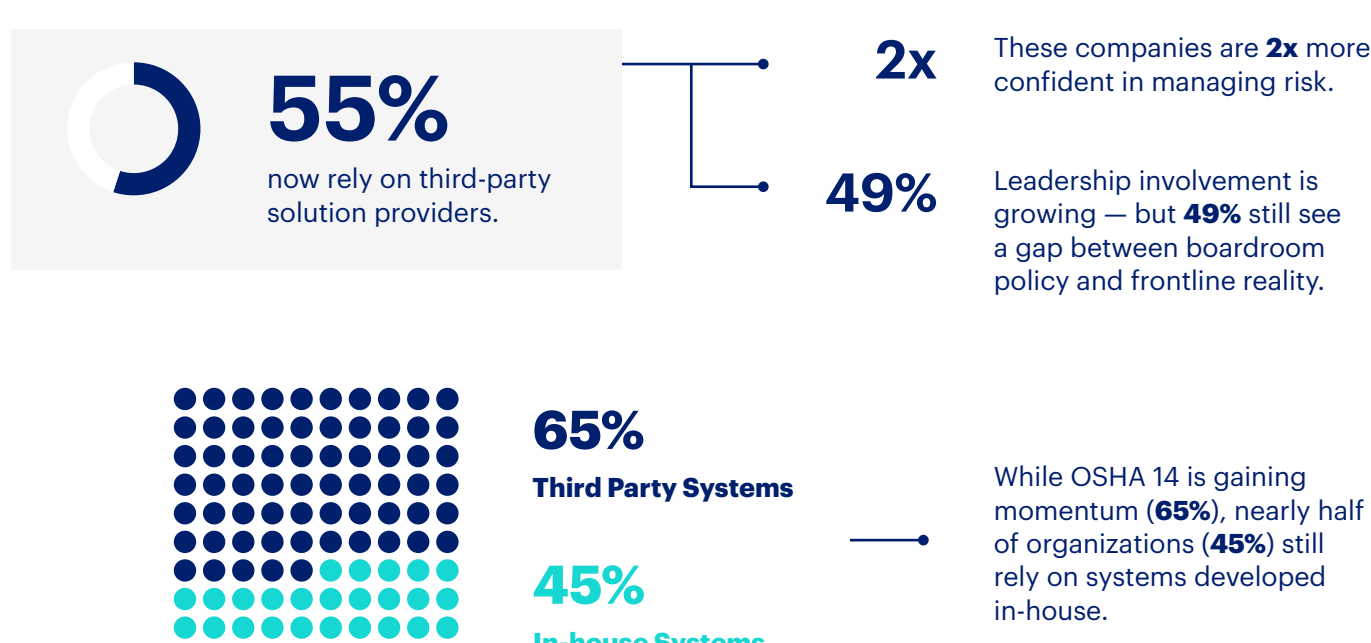
Top Barriers to AI Adoption



The future belongs to organizations that use AI to **connect data, people, and insight**.

Partnerships and Leadership

Collaboration drives maturity.



The Opportunity Ahead

From digital visibility to digital resilience.



Do you want to see how **industry leaders** view the current state of Process Safety Management?

[Download the 2025 Process Safety Report](#)



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